

Mouse LGMN Recombinant Protein



RPPB1903

Product Information Protein Information

Product SKU:

RPPB1903

Accession:

O89017

Host:

Sf9, Baculovirus cells.

Protein description:

LGMN produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 426 amino acids (18-435a.a.) and having a molecular mass of 48.6kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). LGMN is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Legumain, Asparaginyl endopeptidase, Protease, cysteine 1.

Formulation:

LGMN protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

VPVGDDPED GGKHVVVIVA GSNGWYNYRH QADACHAYQI IHRNGIPDEQ IIVMMYDDIA NSEENPTPGV
VINRPNGTDV YKGVLDYTG EDVTPENFLA VLRGDAEAVK GKSGSKVLKS GPRDHVFIYF TDHGATGILV
FPNDLHVKD LNKTIYMYE HKMYQKMVFY IEACESGSMM NHLPDDINVY ATTAANPKES SYACYYDEER
GTYLGDWYSV NWMEDSDVED LTKETLHKQY HLVKSHTNTS HVMQYGNKSI STMKVMQFQG MKHRASSPIS
LPPVTHLDLT PSPDVPLTIL KRKLLRTNDV KESQNLIGQI QQFLDARHVI EKSVHKIVSL LAGFGETAER
HLSERTMLTA HDCYQEAETH FRTHCFNWHS VTYEHALRYL YVLANLCEAP YPIDRIEMAM DKVCLSHYLE
HHHHHH.